## WHAT IS CLAIMED IS:

1      1.     A method for providing privacy to a client accessing a chat application on a

2  chat server, comprising the steps of:

3            transmitting a request for the chat application from the client to a first proxy

4  server;

5            transmitting the request for the chat application from the first proxy server to a

6  second proxy server;

7            providing a unique ID to the first proxy server from the second proxy server

8  responsive to the request;

9            transmitting the request for the chat application and the unique ID from the

10  second proxy server to the chat server;

11           transmitting a response and the unique ID from the chat server to the second

12  proxy server responsive to the request;

13           storing the response at the second proxy server with the unique ID; and

14           accessing the stored response from the first proxy server by providing the

15  unique ID.

1      2.     The method of Claim 1, further comprising the step of erasing the stored

2  response and the unique ID in the second proxy server responsive to an access by the first

3  proxy server.

1    3.    The method of Claim 1, further comprising the step of pushing the response

2    from the first proxy server to the client.

1    4.    The method of Claim 1, further comprising the step of providing a position of

2    the client to the first proxy server.

1    5.    The method of Claim 1, further including the step of encrypting transmissions

2    from the first proxy server to the second proxy server using both a first public key of the chat

3    server and a second public key of the second proxy server.

1    6.    The method of Claim 5, further including the step of encrypting transmissions

2    from the second proxy server to the chat server using the first public key of the chat server.

1    7.    The method of Claim 5, further including the step of encrypting transmissions

2    from the chat server to the second proxy server using both a first private key of the first

3    proxy server and a second private key of the second proxy server.

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1      8.     A method for providing privacy to a client accessing a chat application on a

2    chat server, comprising the steps of:

3          transmitting a request for the chat application from the client to a first proxy

4    server;

5          encrypting transmissions from the first proxy server to the second proxy

6    server using both a first public key of the chat application server and a second public key of a

7    second proxy server;

8          transmitting the request for the chat application from the first proxy server to a

9    second proxy server;

10         providing a unique ID to the first proxy server from the second proxy server

11    responsive to the request;

12         encrypting transmissions from the second proxy server to the chat server using

13    the first public key of the chat server;

14         transmitting the request for the chat application and the unique ID from the

15    second proxy server to the chat application server;

16         encrypting transmissions from the chat server to the second proxy server using

17    both a first private key of the first proxy server and the second private key of the second

18    proxy server;

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19          transmitting a response and the unique ID from the chat server to the second

20   proxy server responsive to the request;

21          storing the response at the second proxy server with the unique ID;

22          accessing the stored response from the first proxy server by providing the

23   unique ID; and

24          erasing the stored response and the unique ID in the second proxy server

25   responsive to the access.

1      9.    The method of Claim 8, further comprising the step of pushing the response

2   from the first proxy server to the client.

1      10.    The method of Claim 8, further comprising the step of providing a position of

2   the client to the first proxy.

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1    11.    A system for protecting location data on a client accessing a client server

2    comprising:

3    a first proxy server associated with the client;

4    a second proxy server located on the Internet;

5    wherein the first proxy server and the second proxy server are configured to:

6    receive a request for the chat application from the client at the first

7    proxy server;

8    transmit the request for the chat application from the first proxy server

9    to the second proxy server;

10    provide a unique ID to the first proxy server from the second proxy

11    server responsive to the request;

12    transmit the request for the chat application and the unique ID from the

13    second proxy server to the chat server;

14    receive a response and the unique ID from the chat server at the

15    second proxy server;

16    store the response at the second proxy server with the unique ID; and

17    access the stored response from the first proxy server by providing the

18    unique ID to the second proxy server.

1    12.    The system of Claim 11, wherein the first and second proxy servers are further

2    configured to erase the stored response and the unique ID in the second proxy server

3    responsive to an access by the first proxy server.


1    13.    The system of Claim 11, wherein the first and second proxy servers are further

2    configured to push the response from the first proxy server to the client.


1    14.    The system of Claim 11, wherein the first and second proxy servers are further

2    configured to determine a position of the client at the first proxy server.


1    15.    The system of Claim 11, wherein the first and second proxy servers are further

2    configured to encrypt transmissions from the first proxy server to the second proxy server

3    using both a first public key of the chat server and a second public key of the second proxy

4    server.


1    16.    The system of Claim 11, wherein the first and second proxy servers are further

2    configured to encrypt from the second proxy server to the chat server using the first public

3    key of the chat server.

1      17.     The system of Claim 11, wherein the first and second proxy servers are further

2    configured to decrypt transmissions from the client server at the second proxy server using

3    both a first private key of the first proxy server and a second private key of the second proxy

4    server.


1      18.     The system of Claim 11, wherein the first proxy server is located in an

2    intranet associated with the client.


1      19.     The system of Claim 11, wherein the first proxy server is located within an

2    apparatus containing the client.


1      20.     The system of Claim 11, wherein the second proxy server is accessible from

2    the first proxy server via the Internet.